

Water Treatment Technologies Inspire Healthy Beverages



Johnson Space Center

Unpeeled, Inc.
Minneapolis-St. Paul, Minnesota

NASA Technology

- ◆ Astronauts in space must make use of everything at their disposal, including reclaimed urine for drinking.
- ◆ NASA has developed several methods to reclaim wastewater, including the use of certain bacteria
- ◆ A special bioreactor developed at Johnson greatly increased bacteria growth and health.

Technology Transfer

- ◆ A project employee, who later became a chiropractor and advised patients on nutrition, wanted to develop a healthy alternative to sugary beverages.
- ◆ He used the same bioreactor concept to grow strong cultures of bacteria, which he used in making kombucha—a fermented probiotic tea.



Benefits

- ◆ Unpeeled aids digestion, reduces inflammation, and uses organic and healthy ingredients.
- ◆ The company is set to launch a coconut water-based probiotic beverages.
- ◆ After selling over 1 million bottles in 2011, the company is on track to sell more than 5 million bottles in 2012.